

Product datasheet for **MC219780**

Susd5 (NM_001101510) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Susd5 (NM_001101510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Susd5
Synonyms:	Gm1126
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219780 representing NM_001101510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCGCGGGGCCACTATGGCCGGCGCCGGCAGCCTGCCTGCGCTCTGCGCCGCTGCTCCTGCTGG
 CTCTGCAGCCGCCCCCGTGCGCCGAGGGGAAGCTCTTCATGCTGGGCTCTCAGAATGGCTCTCAGGG
 CCTGGACCTGGAGGCAGCGAGGCTCTCCTGCAGGAGCAGGGGTGCCACCTGGTGTCTGCTGCAGAGCTG
 AAGAGAGTGGTCCGGGACTGTGCCTCCGCACTGTGCACACAGGCTGGCTGGCGGATGGCACCTCGGGA
 CGACCGTGTGTAGCAAAGGGAGTGGTGAACAGCCAGTCTCCAGAGCTGTGGACGTGAGAATTGACAGCCA
 CCCAGTTCCTGGTGCTAAGTACAATGCTCTTTGTATTAAGGACGAAGAGAGACCGTGTGGAGACCCACCG
 TCATTCCACACACCATCCTCCAGGGTCGCACTGGCTTGAGATGGGGGATGAGCTGCTGTACCTGTGTG
 CACCAGGGTCCGTCACAGGCCATCGGGAACGGCCTTTACCTTGTGTGCAACAGCTGTGGGAGTGGTA
 CGGACTGGTGCAAGCCTCGGGAAAGATGAGGCCGAGGCCACATTGACTATGAAGAAAAATTCCTGAT
 GACAGATCCGTGTCAATTAGGGAACCTATGGAAGACTCCCGGGCAGAGGGAGAAAAGGAAAGGCTCAGG
 AAGACGCCTCTGACGAGACACAAAACAAGATCGTCTGGTCTTCACTTCTGTCTCTAAAGAAAACATAGC
 CCAGGTAAGAGCCTTTGTGCCTACCACAGGCTCGCCAGGCGCTGGGGGACGTGTGCGCACTGACTGGCCA
 CGATCCCGCTACACCGGAAGTACTCCCTCTGGTTCCGGCCGAGACTTCCACAAGCCAGAGCTGGGAA
 AGGATGAGGGAGATGAGACCAAGAGCCACTTCTGCCAGAGACAATCACAGTGAAGAGAAACCGGCCCC
 AGAGGAGTCTGAAACAAGGCTGGTCTATGCCACCACCTACAGCCCTCAGAGCCATTTGTGGATAGGAAT
 GACAGCAAGGCAGAGGACCCAGGGGTGAGCAGCAGCGACGATTCTGGTTAGATGGCTACCCTGTGACAG
 ATGGGGCTTGAGGAAGGTAGAGGCTGGCAGGAGGATGATGAGGACAAGGGGGATGGGTGAGTGGGACC
 GGATGAAAGTGGCCTCACGACTCCTGATAAGGAGCCGGAGAATGTCACCGTCACACCTAGTGAATCCGTG
 ATACACAGCTCGATCAGTCCATCTCAAATGCTCGACGTAGAAGCTCTGGTTCCAGGACCCATCAATGTGT
 CTGAGACTGAGAGTTCCCATACCAGGGATGTTGATTGACCACTTCTCAATCAACCATACCCCGGAGAGT
 CACCACACAGCCGTACCCAAGGTACCTACCCCATGAACTGGCCAGCTCCACCAAGAGACAGTAACA
 ACAACCTCCAGCCGACACATAAACGTACGCCCTCGACTGATGTGGAGGCCACCCAGCCTCCAGCAGGGG
 TGACAGCCCTGAGGTTCAAGATAACTTCCTTATCTGTTGTCTGAGGACTTCTGGGACAGGAGGGCCC
 TGGGCTGGTGCAAGTGAGAAGTTCTTCAACCTCGCACCGTGTGTAGGGGATGAGTGTCCAGCTTC
 AGGAAAGGCCCGGTGATCGCCACTGTGGTACCGTCTGTGTCTACTGCTACTCCTGGTAGTCGCGGGAG
 CCGTGTGGGGCTACCGCCGGTGCCAGCACAAGAGCTCTGTATACAAGCTGAACGTTGGGACGCGGACGGC
 TAGACACTACCAGCAGCAGATTGAGATGGAGAAGGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001101510

Insert Size: 1860 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001101510.1, NP_001094980.1

RefSeq Size: 3874 bp

RefSeq ORF: 1860 bp

Locus ID: 382111

Cytogenetics: 9 F3